Abstract

The present invention is to provide a process for preparing a 3-unsubstituted-5-amino-4-nitrosopyrazole compound represented by the formula (1):

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$$\begin{array}{c|c} & & & \\ & & & \\ N & & \\ N$$

wherein R^1 represents a hydrogen atom, an alkyl group, an aryl group or a heterocyclic group each of which may have a substituent(s),

which comprises cyclizing a 3-hydrazono-2-hydroxyiminopropionitrile compound represented by the formula (2):

$$\begin{array}{c|c}
 & \text{NOH} \\
\hline
 & \text{R}^1 \text{HN} & \text{CN}
\end{array}$$

wherein R¹ has the same meaning as defined above, synthetic intermediates thereof and a process for preparing these intermediates.